

Broadband modulation of the power grid (BPL) may turn out to be more of a technical challenge than previously thought. We now learn that it may be possible for this modulation technique to wreak havoc on the US power grid.

BPL uses frequencies between 2 and 80 MHz, affecting the HF and low-VHF bands, generating noise that goes over S9, making it impossible for all but the strongest signals to get through. Even areas with buried utility wiring experience strong BPL noise.

Amateur Radio Emergency services engaged in assisting the general public at large in time of weather related disasters and other emergency's will be greatly hampered in providing time critical emergency communications to public safety officials and medical facility's.

While BPL seems like a good idea, the fallout from BPL's spectrum interference makes it very unwise.

Kindest regards,

David Spensley